

In the Claims

1.(Currently amended) A method for processing an information sequence with an iterative decoder, comprising:
dividing the information sequence into a current window and at least one additional window;
selecting the current window of the information sequence; and
computing at least one metric value for a current recursion of the current window based on metric values from another window in a previous iteration, wherein the another window is from the at least one additional window; and initializing a training recursion for the current window based on the metric values.

2.(Cancelled).

3.(Previously amended) The method of claim 1, further comprising:
processing the metric values.

4.(Original) The method of claim 3, further comprising:
storing the processed metric values.

5.(Cancelled)

6.(Previously amended) The method of claim 3, wherein the processing step comprises:
assigning the metric values.

7.(Currently amended) The method of claim 1[2], further comprising:
determining an index of the metric values; and

initializing the training recursion of the current window based on the index of the metric values].

8.(Cancelled)

9.(Cancelled)

10. (Cancelled).

11. (Cancelled).

12. (Cancelled).

13. (Cancelled).

14. (Cancelled).

15. (Cancelled).

16. (Cancelled).

17. (Cancelled).

18. (Cancelled).

19.(Currently amended) An iterative decoding system, comprising:
means for dividing an information sequence into a current window and at least one additional window;

means for selecting the current window of the information sequence; and

~~means for computing at least one metric value for a current recursion of the current window based on metric values from another window in a previous iteration wherein the another window is from the at least one additional window~~

means for computing at least one metric value for a current recursion of the current window in a current iteration based on metric values of another window that were recursively computed in a previous iteration.

20.(Cancelled)

21.(Currently amended) The system of claim 19, further comprising:
means for processing the metric values to produce processed metric values [at least one metric value].

22.(Currently Amended) The system of claim 21, further comprising:
means for storing the processed metric values [at least one metric value]
~~processed metric values.~~

23.(Cancelled)

24.(Currently amended) The system of claim 21, further comprising:
means for assigning the metric values. [at least one metric value].

25.(Cancelled).

26.(Cancelled)

27.(Cancelled)

28. (Currently amended) A turbo decoding system comprising:

at least one interleaver;

at least one de-interleaver;

at least one decoder, wherein the at least one decoder comprises;

means for dividing an information sequence into a current window

and at least one additional window;

means for selecting the current window of the information sequence; and

means for computing at least one metric value for a current recursion of the current window in a current iteration based on metric values of another window that were recursively computed in a previous iteration.

~~means for computing at least one metric value for a current recursion of the current window based on metric values from another window in a previous iteration, wherein the another window is from the at least one additional window.~~